

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 23, 2014

Ambrands  
c/o  
Rebecca M. Horton  
Registrations by Design, Inc.  
118 ½ East Main Street, Suite 1  
Salem, VA 24153-3805

Subject: Amendment to separate label into a Master/Sublabel format and to add marketing claims  
Product Name: AMDRO Gopher Gasser  
EPA Registration Number: 73342-8  
Application Date: August 29, 2014  
Decision Number: 495328

Dear Ms. Horton:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

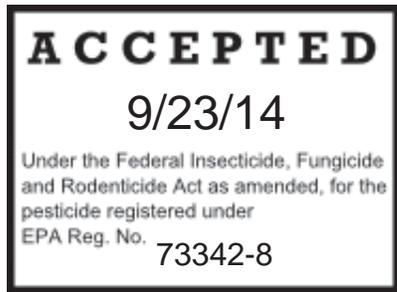
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and in 40 CFR 152.3.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Gene Benbow by phone at 703-347-0235 or via email at [Benbow.gene@epa.gov](mailto:Benbow.gene@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Meredith F. Laws".

Meredith F. Laws, Chief  
Insecticide-Rodenticide Branch  
Registration Division  
Office of Pesticide Programs



VERSION A – RESIDENTIAL USE

[FRONT PANEL – OUTER PACKAGE]

**AMDRO®**  
**GOPHER GASSER**

Optional Marketing Statements:

Helps prevent [lawn] [and] [plant] damage from gophers & moles  
Helps prevent listed pests from damaging underground wires and irrigation systems  
Helps protect your lawn & landscape areas from [gopher] [and] [mole] damage  
Kills destructive lawn pests -- gophers, moles, ground squirrels, Norway rats, skunks, pocket gophers and woodchucks  
Kills [gophers] [moles] [skunks] [ground squirrels] [Norway rats]\*\* that can damage your lawn & garden  
Helps prevent gophers from ruining your [lawn] [garden] [and] [shrubs]  
Kills [skunks] [pocket gophers] [damaging woodchucks\*]  
Contains 6 Gassers  
Kills Gophers & Ground Squirrels  
Kills Gophers, Moles, Woodchucks\*, Norway Rats\*\*, Skunks & Ground Squirrels  
\*Not for use on woodchucks in California  
\*\* Use in North Carolina on Norway rats only

**ACTIVE INGREDIENTS:**

|                                 |             |
|---------------------------------|-------------|
| Potassium Nitrate.....          | 45.0%       |
| Sulphur.....                    | 45.0%       |
| Carbon.....                     | 8.0%        |
| <b>OTHER INGREDIENTS:</b> ..... | <u>2.0%</u> |
| <b>TOTAL:</b> .....             | 100.0%      |

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

See back/side/other panel(s) for additional Precautionary Statements & First Aid

NET CONTENTS SIX 0.75 OZ. (21.27 g) GASSERS  
TOTAL NET WT. 4.5 OZ. (127.6 g)

[BACK/SIDE/OTHER PANEL(S) – OUTER PACKAGE]

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

FOR OUTDOOR USE ONLY to control pocket gophers (*Thomomys*, *Geomys*, *Pappogeomys*), moles (*Talpidae*), woodchucks\* (*Marmota*), Norway rats\*\* (*R. norvegicus*), skunks (*Mephitidae*), and ground squirrels (*Sciuridae*) in residential areas including lawns, ornamental and flower gardens, and open fields. The toxic gases produced will travel through unplugged burrow systems to kill the pests. Do not use cartridges inside or under buildings, homes, porches, or any structure due to possible fire hazard. Do not use cartridges where vegetation is dry and likely to catch fire. Do not use where use of gas cartridges is prohibited by local ordinances. AMDRO® Gopher Gasser will not control tree squirrels.

**SEE INSERT FOR COMPLETE DIRECTIONS FOR USE, USE RESTRICTIONS AND ENDANGERED SPECIES CONSIDERATIONS.**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**WARNING:** Causes eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. After ignition, cartridge produces toxic gases. Fumes may be harmful if inhaled.

| FIRST AID   |   |
|---|---|
| <b>If on skin or clothing:</b>  | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor immediately for treatment advice.</li></ul>   |
| <b>If inhaled:</b>  | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible.</li><li>• Call a poison control center or doctor immediately for further treatment advice.</li></ul> |
| <b>If in eyes:</b>  | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor immediately for treatment advice.</li></ul>       |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact x-xxx-xxx-xxxx for emergency medical treatment information. |   |

### ENVIRONMENTAL HAZARDS

This product is highly toxic to wildlife. Check all burrows for signs of non-target species. If present, do not treat burrows. See Insert for complete “ENVIRONMENTAL HAZARDS” text, including the “Endangered Species Considerations”.

### CHEMICAL HAZARDS

Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store only in original container, in a dry place inaccessible to children and pets.

**Pesticide Disposal & Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available. **If partly filled:** To dispose of unused cartridges, soak in water, crush, and bury in at least 6" of loose soil. Never place unused product down any indoor or outdoor drain.

AMDRO, Central Garden & Pet and Central Garden and Pet with design are trademarks of Central Garden & Pet Company.



Manufactured for:

**AMBRANDS**

1000 Parkwood Circle, Suite 700

Atlanta, Georgia 30339

800-265-0761

gardendivision@central.com

www.amdro.com

[Made in China] [Made in USA]

[Lot No. inserted at production]

[LABEL INSERT]

**AMDRO®  
GOPHER GASSER**

Optional Marketing Statements:

Contains 6 Gassers

Kills Gophers & Ground Squirrels

Kills Gophers, Moles, Woodchucks\*, Norway Rats\*\*, Skunks & Ground Squirrels

\*Not for use on woodchucks in California

\*\* Use in North Carolina on Norway rats only

Active Ingredients:

|                         |             |
|-------------------------|-------------|
| Potassium Nitrate.....  | 45.0%       |
| Sulphur.....            | 45.0%       |
| Carbon.....             | 8.0%        |
| Other Ingredients:..... | <u>2.0%</u> |
| Total:.....             | 100.0%      |

**Keep Out Of Reach Of Children  
WARNING**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**WARNING:** Causes eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. After ignition, cartridge produces toxic gases. Fumes may be harmful if inhaled.

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## ENVIRONMENTAL HAZARDS

This product is highly toxic to wildlife. Check all burrows for signs of non-target species. If present, do not treat burrows.

## ENDANGERED SPECIES CONSIDERATIONS

### General Considerations

**NOTICE:** It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The killing of a member of an endangered species due to the use of gas cartridges may result in a fine and/or imprisonment under the Endangered Species act. All users of this product must determine whether endangered species are known to occur or might occur in the intended use areas. Consult the nearest U.S. Fish and Wildlife Service regional office or the appropriate State agency for current information on habitats occupied by endangered species.

### Specific Considerations

Use this product according to these instructions to protect endangered species.

**1. Black-Footed Ferret (*Mustella nigripes*):** To limit risks to the black-footed ferret and to avoid destruction of its prey base, do not use this product within 4.3 miles (7 kilometers) of any prairie dog town unless the colony is an isolated black-tailed prairie dog town less than 80 acres in size or an isolated white-tailed or Gunnison prairie dog town less than 200 acres in size, or unless the town has been appropriately surveyed, using methods acceptable to the U.S. Fish and Wildlife Service, and found not to contain black-footed ferrets and found by the FWS not to be a suitable site for ferret reintroductions.

**2.** Use of this product within the occupied habitats of the organisms listed immediately below is limited to qualified individuals who have been trained to distinguish dens and burrows of target species from those of nontarget species. Such individuals may be wildlife biologists, certified applicators, representatives of California state or Federal agencies, or agents of county agricultural offices or university extension offices.

- a. **Fresno kangaroo rat (*Dipodomys nitratooides exilis*)** in Fresno, Merced, Kern, Kings and Madera Counties, California.
- b. **Giant kangaroo rat (*D. ingens*)** in Merced, Fresno, Kings, Tulare, Kern, San Luis Obispo, and Santa Barbara Counties, California.
- c. **Stephen's kangaroo rat (*D. stephensi*)** in Riverside, San Diego, and San Bernadino Counties, California.
- d. **Tipton kangaroo rat (*D. n. nitratooides*)** in Kings, Tulare, Kern, and Fresno Counties, California.
- e. **Point Arena mountain beaver (*Aplodontia rufa nigra*)** in Mendocino County, California.
- f. **San Joaquin kit fox (*Vulpes macrotis mutica*)** unless authorized by the U.S. Fish and Wildlife Service in Alameda, Contra Costa, Fresno, Kern, Kings, Merced, Monterey, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Santa Clara, Stanislaus, or Tulare Counties, California.
- g. **Desert tortoise (*Fopherus agrassizil*)** in Arizona, southern California, southern Nevada, and southern Utah.

**3.** Do not use this product within the occupied habitats of the endangered animals listed immediately below.

- a. **Hualapal Mexican vole (*M. mexicanus hualpalensis*)** in Mohave Country, Arizona.
- b. **Morro Bay kangaroo rat (*D. heermanni morroensis*)** in San Luis Obispo County, California.
- c. **Utah prairie dog (*Cynomys parvidens*)** in Garfield, Iron, Kane, Piute, Sevier, and Wayne Counties, Utah.
- d. **Coachella Valley fringe-toed lizard (*Uma inornata*)** in the Coachella Valley area of southern California.
- e. **Island night lizard (*Xantusia riversiana*)** on Santa Barbara, San Clemente, and San Nicolas Islands, California.

**4. Blunt-nosed leopard lizard (*Gambelia silus*):** Do not use this product within the occupied habitat of the blunt-nosed leopard lizard in Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo,

Santa Barbara, Santa Clara, and Stanislaus Counties, California, from October 1 to April 15 unless a specific blunt-nosed lizard protection plan for this period is approved by the U.S. Fish and Wildlife Service and fully implemented. Use of this product in occupied habitat of this species from April 15 through September 30 is limited to daylight hours when air temperatures are 77-95<sup>0</sup> F (20-30<sup>0</sup> C).

**5. San Francisco garter snake (*Thamnophis sirtalis tetrataensis*):** Do not use this product within the occupied habitat of the San Francisco garter snake in San Mateo, San Francisco, Santa Clara, and Santa Cruz Counties, California from November 1 to March 30 unless a specific San Francisco garter snake protection program for this period is approved by the U.S. Fish and Wildlife Service and fully implemented. Use of this product in occupied habitat of this species under such an approved programs or from April 1 though October 31 is limited to qualified individuals who have been trained to distinguish dens and burrows of target species from those of nontarget species. Such individuals may be wildlife biologists, certified applicators, representatives of California State or Federal agencies, or agents of county agricultural offices or university extension offices.

**6. Eastern Indigo Snake (*Drymarchon corais couperi*):** Do not use this product within habitat type and locales known to support the Eastern indigo snake throughout Florida and the coastal plain of Georgia.

**7. Gopher tortoise (*Gopherus polyphemus*):** Do not use this product in or adjacent to known gopher tortoise occupied habitat west of the Mobile and Tombigbee Rivers in Alabama.

#### CHEMICAL HAZARDS

Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

FOR OUTDOOR USE ONLY to control pocket gophers (*Thomomys*, *Geomys*, *Pappogeomys*), moles (*Talpidae*), woodchucks\* (*Marmota*), Norway rats\*\* (*R. norvegicus*), skunks (*Mephitidae*), and ground squirrels (*Sciuridae*) in residential areas including lawns, ornamental and flower gardens, and open fields. Do not use cartridges inside or under buildings, homes, porches, or any structure due to possible fire hazard. Do not use cartridges where vegetation is dry and likely to catch fire. Do not use where use of gas cartridges is prohibited by local ordinances. AMDRO® Gopher Gasser will not control tree squirrels.

When used as directed, the toxic gasses produced will travel through unplugged burrow systems to kill the pests. In order for gas-producing cartridges to be effective on the pest species, a sufficient concentration of gas must be retained in the burrow system over a sufficient period of time. Damp soil tends to retain toxic gasses within a burrow system better than dryer soil and, therefore, may enhance the effectiveness of this product. Use under conditions of extremely dry soil and vegetation can decrease product effectiveness and may increase the risk of starting brush fires.

#### PRIOR TO APPLICATION

Carefully observe areas to be treated. Apply cartridges only to burrow systems or dens currently being used by target species. Do not apply cartridges to burrows or dens known or believed to contain non-target vertebrate animals. Ensure the cartridge will pass easily into opening (carefully clear the tunnel entry, if necessary); and that enough soil, rocks, sod or other non-combustible material is on hand to close burrows.

**For Moles (*Talpidae*):** Identify the main runway for treatment, by looking for fresh conical mounds of dirt. Select the freshest of these, remove plug and dig in the direction of the main runway. If lateral to the mound is plugged, dig past the plug, or probe the ground around the plug until little or no resistance is found to locate the main runway.

**For Norway Rats\*\* (*R. norvegicus*):** Use only where burrows are isolated from homes, barns, and other man-made structures. DO NOT USE inside buildings or anywhere that gasses could enter buildings.

**For Pocket Gophers (*Thomomys*, *Geomys*, *Pappogeomys*):** Burrow systems usually consist of a main burrow 4-20" (10-50cm) below the ground surface and variable numbers of lateral burrows off of the main underground runway. Deeper branches off of the main runway are used as nests and for food caches. Burrow diameter ranges from 2-5" (5-12cm) and varies with the size of species. Locate characteristic fan-shaped soil mounds, which have signs of recent activity (e.g., recently excavated soil) at their plugged entrances. Remove soil plug from center of each burrow entrance. Return the next day to see if the burrow opening has been re-plugged, indicating active use by a pocket gopher. DO NOT treat burrows that remained unplugged. Find the horseshoe-shaped depression on one side of the plugged mound. Locate the main runway by probing the ground 15-18" (38-46cm) from the mound, starting on the same side as the depression. The main runway has been located when friction on the probe is released and it falls into the runway. Using a shovel or trowel, dig down to the main runway, taking care not to block it with soil. Treat all active mounds. One cartridge placed in the end of a runway should be sufficient. One or more additional cartridges must be used if treatment takes place in the middle of runway or if a runway is "T-shaped". Otherwise, there is a 50% chance that the pocket gopher will be on the untreated side of the plugged runway. Within 5 days of treatment, check area for appearance of fresh mounds, which could be the work of survivors or gophers that have moved into the treated area. Retreat all systems with evidence of new pocket gopher activity.

**For Ground Squirrels (*Sciuridae*):** Burrow design varies with the species, soil type, habitat, and climate. Burrows may be as much as 9' deep (nearly 3m). Burrow diameter varies with the body size of the species (and other factors) and may range from 2-10" (2-25cm). It is preferable to treat ground squirrel burrows during the spring breeding season. Observe the area in early morning before treating burrows to confirm that ground squirrels are actively using the site. DO NOT treat unoccupied burrows. DO NOT treat burrows with evidence that a snake or weasel has entered in pursuit of prey. Within 5 days of treatment, check area for appearance of live ground squirrels or opened burrow systems which could be the work of survivors or squirrels that have moved into the treated area. Retreat all systems with evidence of residual activity.

**For Skunks (*Mephitidae*):** Locate all entrances to den. Do not treat dens under inhabited structures or buildings where toxic gasses could reach humans, pets, or domestic animals including livestock.

**For Woodchucks\* (*Marmota*):** Locate all burrow entrances. Select one for use and close all other entrances with rock and dirt.

\*Not for use on Woodchucks in California

\*\*Use in North Carolina on Norway rats only.

## APPLICATION

1. Read and follow “**Prior to Application**” label directions for specific pest to be controlled.
2. Have sufficient non-combustible materials close at hand to close treated burrows.
3. Position yourself so that you can hold **AMDRO<sup>®</sup> Gopher Gasser** cartridge away from your body.
4. **Ignite tip of fuse** with a match or lighter with a small flame.

**Note:** Never light the cartridge directly, or within 2 inches of fuse, nor hold a burning cartridge in your hand. The minimum fuse burn time is 5 seconds when it is lit at the tip. **DO NOT INHALE TOXIC FUMES.**

5. Working quickly, insert the lit cartridge, **fuse-end first**, into one side of the open runway, burrow or den.
6. Immediately close the opening with non-combustible material. Tamp lightly to prevent gases from escaping. Immediately cover all openings from which gas escape is visible.

**For the larger listed animals, longer or multiple runways, use more than one cartridge. Proceed to the next runway, burrow or den entrance and treat as above.**

[insert graphics representing correct product use]

NOTICE: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this product when such use and/or handling is contrary to label instructions.

AMDRO, Central Garden & Pet and Central Garden and Pet with design are trademarks of Central Garden & Pet Company.



Manufactured for:

**AMBRANDS**

1000 Parkwood Circle, Suite 700

Atlanta, Georgia 30339

800-265-0761

gardendivision@central.com

www.amdro.com

[Made in China] [Made in USA]

[CARTRIDGE LABEL]

AMDRO®

GOPHER GASSER

Kills Gophers, Moles, and other listed pests

Active Ingredients:

|                        |        |
|------------------------|--------|
| Potassium Nitrate..... | 45.0%  |
| Sulphur.....           | 45.0%  |
| Carbon.....            | 8.0%   |
| Other Ingredients..... | 2.0%   |
| Total.....             | 100.0% |

Keep Out Of Reach Of Children

**WARNING**

IMPORTANT: SEE PRECAUTIONARY STATEMENTS ON BACK OF PACKAGE AND FOLLOW ENTIRE DIRECTIONS FOR USE AND USE RESTRICTIONS ON ENCLOSED INSERT BEFORE USING.

AFTER IGNITION, CARTRIDGE PRODUCES TOXIC GASSES. FUMES MAY BE HARMFUL IF INHALED.

Manufactured for:

**AMBRANDS**

1000 Parkwood Circle, Suite 700  
Atlanta, Georgia 30339  
800-265-0761

[Made in China] [Made in USA]

VERSION B – NON-RESIDENTIAL USE

[FRONT PANEL – OUTER PACKAGE]

**AMDRO<sup>®</sup>**

**GOPHER GASSER**

Optional Marketing Statements:

Contains 6 Gassers

Kills Gophers & Ground Squirrels

Kills Gophers, Moles, Woodchucks\*, Norway Rats\*\*, Skunks & Ground Squirrels

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Helps prevent [lawn] [and] [plant] damage from gophers & moles

Helps prevent listed pests from damaging underground wires and irrigation systems

Helps protect your lawn & landscape areas from [gopher] [and] [mole] damage

Kills destructive lawn pests -- gophers, moles, ground squirrels, Norway rats, skunks, pocket gophers and woodchucks

Kills [gophers] [moles] [skunks] [ground squirrels] [Norway rats\*\*] that can damage your lawn & garden

Helps prevent gophers from ruining your [lawn] [garden] [and] [shrubs]

Kills [skunks] [pocket gophers] [damaging woodchucks\*]

**ACTIVE INGREDIENTS:**

|                                 |             |
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**WARNING**

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NET CONTENTS SIX 0.75 OZ. (21.27 g) GASSERS

TOTAL NET WT. 4.5 OZ. (127.6 g)

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[Lot No. inserted at production]

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| <b>If on skin or clothing:</b>  | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li><li>• Call a poison control center or doctor immediately for treatment advice.</li></ul>   |
| <b>If inhaled:</b>  | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to mouth, if possible.</li><li>• Call a poison control center or doctor immediately for further treatment advice.</li></ul> |
| <b>If in eyes:</b>  | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor immediately for treatment advice.</li></ul>       |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact x-xxx-xxx-xxxx for emergency medical treatment information. |   |

## ENVIRONMENTAL HAZARDS

This product is highly toxic to wildlife. Check all burrows for signs of non-target species. If present, do not treat burrows.

## ENDANGERED SPECIES CONSIDERATIONS

### General Considerations

**NOTICE:** It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The killing of a member of an endangered species due to the use of gas cartridges may result in a fine and/or imprisonment under the Endangered Species act. All users of this product must determine whether endangered species are known to occur or might occur in the intended use areas. Consult the nearest U.S. Fish and Wildlife Service regional office or the appropriate State agency for current information on habitats occupied by endangered species.

### Specific Considerations

Use this product according to these instructions to protect endangered species.

**1. Black-Footed Ferret (*Mustella nigripes*):** To limit risks to the black-footed ferret and to avoid destruction of its prey base, do not use this product within 4.3 miles (7 kilometers) of any prairie dog town unless the colony is an isolated black-tailed prairie dog town less than 80 acres in size or an isolated white-tailed or Gunnison prairie dog town less than 200 acres in size, or unless the town has been appropriately surveyed, using methods acceptable to the U.S. Fish and Wildlife Service, and found not to contain black-footed ferrets and found by the FWS not to be a suitable site for ferret reintroductions.

**2.** Use of this product within the occupied habitats of the organisms listed immediately below is limited to qualified individuals who have been trained to distinguish dens and burrows of target species from those of nontarget species. Such individuals may be wildlife biologists, certified applicators, representatives of California state or Federal agencies, or agents of county agricultural offices or university extension offices.

- b. Fresno kangaroo rat (*Dipodomys nitratooides exilis*)** in Fresno, Merced, Kern, Kings and Madera Counties, California.
- h. Giant kangaroo rat (*D. ingens*)** in Merced, Fresno, Kings, Tulare, Kern, San Luis Obispo, and Santa Barbara Counties, California.
- i. Stephen's kangaroo rat (*D. stephensi*)** in Riverside, San Diego, and San Bernadino Counties, California.
- j. Tipton kangaroo rat (*D. n. nitratooides*)** in Kings, Tulare, Kern, and Fresno Counties, California.
- k. Point Arena mountain beaver (*Aplodontia rufa nigra*)** in Mendocino County, California.
- l. San Joaquin kit fox (*Vulpes macrotis mutica*)** unless authorized by the U.S. Fish and Wildlife Service in Alameda, Contra Costa, Fresno, Kern, Kings, Merced, Monterey, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Santa Clara, Stanislaus, or Tulare Counties, California.
- m. Desert tortoise (*Fopherus agrassizil*)** in Arizona, southern California, southern Nevada, and southern Utah.

**3.** Do not use this product within the occupied habitats of the endangered animals listed immediately below.

- f. Hualapal Mexican vole (*M. mexicanus hualpalensus*)** in Mohave Country, Arizona.
- g. Morro Bay kangaroo rat (*D. heermanni morroensis*)** in San Luis Obispo County, California.
- h. Utah prairie dog (*Cynomys parvidens*)** in Garfield, Iron, Kane, Piute, Sevier, and Wayne Counties, Utah.
- i. Coachella Valley fringe-toed lizard (*Uma inornata*)** in the Coachella Valley area of southern California.
- j. Island night lizard (*Xantusia riversiana*)** on Santa Barbara, San Clemente, and San Nicolas Islands, California.

**4. Blunt-nosed leopard lizard (*Gambelia silus*):** Do not use this product within the occupied habitat of the blunt-nosed leopard lizard in Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo,

Santa Barbara, Santa Clara, and Stanislaus Counties, California, from October 1 to April 15 unless a specific blunt-nosed lizard protection plan for this period is approved by the U.S. Fish and Wildlife Service and fully implemented. Use of this product in occupied habitat of this species from April 15 through September 30 is limited to daylight hours when air temperatures are 77-95<sup>0</sup> F (20-30<sup>0</sup> C).

**5. San Francisco garter snake (*Thamnophis sirtalis tetrataensis*):** Do not use this product within the occupied habitat of the San Francisco garter snake in San Mateo, San Francisco, Santa Clara, and Santa Cruz Counties, California from November 1 to March 30 unless a specific San Francisco garter snake protection program for this period is approved by the U.S. Fish and Wildlife Service and fully implemented. Use of this product in occupied habitat of this species under such an approved programs or from April 1 though October 31 is limited to qualified individuals who have been trained to distinguish dens and burrows of target species from those of nontarget species. Such individuals may be wildlife biologists, certified applicators, representatives of California State or Federal agencies, or agents of county agricultural offices or university extension offices.

**6. Eastern Indigo Snake (*Drymarchon corais couperi*):** Do not use this product within habitat type and locales known to support the Eastern indigo snake throughout Florida and the coastal plain of Georgia.

**7. Gopher tortoise (*Gopherus polyphemus*):** Do not use this product in or adjacent to known gopher tortoise occupied habitat west of the Mobile and Tombigbee Rivers in Alabama.

#### CHEMICAL HAZARDS

Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

FOR OUTDOOR USE ONLY to control pocket gophers (*Thomomys*, *Geomys*, *Pappogeomys*), moles (*Talpidae*), woodchucks\* (*Marmota*), Norway rats\*\* (*R. norvegicus*), skunks (*Mephitidae*), and ground squirrels (*Sciuridae*) in non-crop areas including recreational and ornamental turfgrasses, ornamental and flower gardens, parks, golf courses, reforested areas, meadows and open fields. Do not use cartridges inside or under buildings, homes, porches, or any structure due to possible fire hazard. Do not use cartridges where vegetation is dry and likely to catch fire. Do not use where use of gas cartridges is prohibited by local ordinances. AMDRO® Gopher Gasser will not control tree squirrels.

When used as directed, the toxic gasses produced will travel through unplugged burrow systems to kill the pests. In order for gas-producing cartridges to be effective on the pest species, a sufficient concentration of gas must be retained in the burrow system over a sufficient period of time. Damp soil tends to retain toxic gasses within a burrow system better than dryer soil and, therefore, may enhance the effectiveness of this product. Use under conditions of extremely dry soil and vegetation can decrease product effectiveness and may increase the risk of starting brush fires.

#### PRIOR TO APPLICATION

Carefully observe areas to be treated. Apply cartridges only to burrow systems or dens currently being used by target species. Do not apply cartridges to burrows or dens known or believed to contain non-target vertebrate animals. Ensure the cartridge will pass easily into opening (carefully clear the tunnel entry, if necessary); and that enough soil, rocks, sod or other non-combustible material is on hand to close burrows.

**For Moles (*Talpidae*):** Identify the main runway for treatment, by looking for fresh conical mounds of dirt. Select the freshest of these, remove plug and dig in the direction of the main runway. If lateral to the mound is plugged, dig past the plug, or probe the ground around the plug until little or no resistance is found to locate the main runway.

**For Norway Rats\*\*(*R. norvegicus*):** Use only where burrows are isolated from homes, barns, and other man-made structures. DO NOT USE inside buildings or anywhere that gasses could enter buildings.

**For Pocket Gophers (*Thomomys*, *Geomys*, *Pappogeomys*):** Burrow systems usually consist of a main burrow 4-20" (10-50cm) below the ground surface and variable numbers of lateral burrows off of the main underground runway. Deeper branches off of the main runway are used as nests and for food caches. Burrow diameter ranges from 2-5" (5-12cm) and varies with the size of species. Locate characteristic fan-shaped soil mounds, which have signs of recent activity (e.g., recently excavated soil) at their plugged entrances. Remove soil plug from center of each burrow entrance. Return the next day to see if the burrow opening has been re-plugged, indicating active use by a pocket gopher. DO NOT treat burrows that remained unplugged. Find the horseshoe-shaped depression on one side of the plugged mound. Locate the main runway by probing the ground 15-18" (38-46cm) from the mound, starting on the same side as the depression. The main runway has been located when friction on the probe is released and it falls into the runway. Using a shovel or trowel, dig down to the main runway, taking care not to block it with soil. Treat all active mounds. One cartridge placed in the end of a runway should be sufficient. One or more additional cartridges must be used if treatment takes place in the middle of runway or if a runway is "T-shaped". Otherwise, there is a 50% chance that the pocket gopher will be on the untreated side of the plugged runway. Within 5 days of treatment, check area for appearance of fresh mounds, which could be the work of survivors or gophers that have moved into the treated area. Retreat all systems with evidence of new pocket gopher activity.

**For Ground Squirrels (*Sciuridae*):** Burrow design varies with the species, soil type, habitat, and climate. Burrows may be as much as 9' deep (nearly 3m). Burrow diameter varies with the body size of the species (and other factors) and may range from 2-10" (2-25cm). It is preferable to treat ground squirrel burrows during the spring breeding season. Observe the area in early morning before treating burrows to confirm that ground squirrels are actively using the site. DO NOT treat unoccupied burrows. DO NOT treat burrows with evidence that a snake or weasel has entered in pursuit of prey. Within 5 days of treatment, check area for appearance of live ground squirrels or opened burrow systems which could be the work of survivors or squirrels that have moved into the treated area. Retreat all systems with evidence of residual activity.

**For Skunks (*Mephitidae*):** Locate all entrances to den. Do not treat dens under inhabited structures or buildings where toxic gasses could reach humans, pets, or domestic animals including livestock.

**For Woodchucks\* (*Marmota*):** Locate all burrow entrances. Select one for use and close all other entrances with rock and dirt.

\*Not for use on Woodchucks in California

\*\*Use in North Carolina on Norway rats only.

## APPLICATION

1. Read and follow "**Prior to Application**" label directions for specific pest to be controlled.
2. Have sufficient non-combustible materials close at hand to close treated burrows.
3. Position yourself so that you can hold **AMDRO® Gopher Gasser** cartridge away from your body.
4. **Ignite tip of fuse** with a match or lighter with a small flame.

**Note:** Never light the cartridge directly, or within 2 inches of fuse, nor hold a burning cartridge in your hand. The minimum fuse burn time is 5 seconds when it is lit at the tip. **DO NOT INHALE TOXIC FUMES.**

5. Working quickly, insert the lit cartridge, **fuse-end first**, into one side of the open runway, burrow or den.

6. Immediately close the opening with non-combustible material. Tamp lightly to prevent gases from escaping. Immediately cover all openings from which gas escape is visible.

**For the larger listed animals, longer or multiple runways, use more than one cartridge. Proceed to the next runway, burrow or den entrance and treat as above.**

[insert graphics representing correct product use]

NOTICE: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this product when such use and/or handling is contrary to label instructions.

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Manufactured for:

**AMBRANDS**

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www.amdro.com

[Made in China] [Made in USA]

[CARTRIDGE LABEL]

AMDRO®

GOPHER GASSER

Kills Gophers, Moles, and other listed pests

Active Ingredients:

|                        |        |
|------------------------|--------|
| Potassium Nitrate..... | 45.0%  |
| Sulphur.....           | 45.0%  |
| Carbon.....            | 8.0%   |
| Other Ingredients..... | 2.0%   |
| Total.....             | 100.0% |

Keep Out Of Reach Of Children

**WARNING**

IMPORTANT: SEE PRECAUTIONARY STATEMENTS ON BACK OF PACKAGE AND FOLLOW ENTIRE DIRECTIONS FOR USE AND USE RESTRICTIONS ON ENCLOSED INSERT BEFORE USING.

AFTER IGNITION, CARTRIDGE PRODUCES TOXIC GASSES. FUMES MAY BE HARMFUL IF INHALED.

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[Made in China] [Made in USA]